

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/000828

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 A61B 17/04**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PAJ, USPTO, IBM, eKIPASS

search terms : surgical, staple, (blade, cutter), circular,

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5350104 A1 (Ethicon, Inc.) 27 Sep 1994 Abstract, Fig. 1, 2, 3, 4, 16, 26, 29, 30, col 9 line 24 - col 9 line 12, col 13 line 55 - col 14 line 34, column 3 line42 - column 4 line9	1 - 11
X	US 5533661 A1 (Ethicon, Inc) 9 Jul 1996 F.1, 2, 16, 26, 28, 29, Col 9 line 3 - Col 9 line 56, Col 13 line 21 - Col 13 line 63,	1 - 11
X	US 5333773 A1 (Ethicon, Inc) 2 Aug 1994 See the whole document	1 - 11
X	US 5205459 A1 (Ethicon, Inc) 27 April 1993 See the whole document	1 - 11
A	US 5103025 A1 (Ethicon, Inc) 14 April 1992 See the whole document	1 - 11
A	US 5860581 A1 (United States Surgical Corporation) 19 Jan 1999 See the whole document	1 - 11
A	US 6050472 A1 (Olympus Optical co., Ltd.) 18 April 2000 See the whole document	1 - 11

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
29 JULY 2004 (29.07.2004)

Date of mailing of the international search report  
29 JULY 2004 (29.07.2004)

Name and mailing address of the ISA/KR

  
Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

YOON, Kuk Sup

Telephone No. 82-42-481-5612



**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/KR2004/000828

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6053390 A1 (United states Surgical) 25 April 2000 See the whole document	1 - 11
A	US 6193129 B1 (Ethicon Endo-Surgery, Inc.) 27 Feb 2001 See the whole document	1 - 11

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

PCT/KR2004/000828

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5350104A	27.09.1994	US5350104A US5533661A	27.09.1994 09.07.1996
US5533661A	09.07.1996	US5533661A	09.07.1996
US5333773A	02.08.1994	US5333773A	02.08.1994
US5205459A	27.04.1993	US5205459A US5271544A	27.04.1993 21.12.1993
US5104025A	14.04.1992	US5104025A JP4256745A2 GR1000991B EP48161981	14.04.1992 11.09.1992 31.03.1993 12.04.1995
US5860581A	19.01.1999	US5860581A	19.01.1999
US6050472A	18.04.2000	US6050472A JP9289991A2	18.04.2000 11.11.1997
US6053390A	25.04.2000	US6053390A	25.04.2000
US6193129B1	27.02.2001	US6193129B1	27.02.2001